Refine Search

Search Results -

Terms	Documents
neural adj network and predict\$4 and memory and train\$4 and customer\$2 and merchant\$2	46

US Pre-Grant Publication Full-Text Database

US Patents Full-Text Database US OCR Full-Text Database

Database:

EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index

IBM Technical Disclosure Bulletins

Search:

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Search History

DATE: Wednesday, January 28, 2004 Printable Copy Create Case

side by side	Query	<u>Hit</u> Count	Set Name result set
DB=P	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR=NO; OP=OR		
<u>L3</u>	neural adj network and predict\$4 and memory and train\$4 and customer\$2 and merchant\$2	46	<u>L3</u>
<u>L2</u>	L1 and neural adj network and predict\$4 and memory and train\$4 and customer\$2 and merchant\$2	0	<u>L2</u>
<u>L1</u>	706/21.ccls.	136	<u>L1</u>

END OF SEARCH HISTORY

Hit List



Search Results - Record(s) 1 through 46 of 46 returned.

☐ 1. Document ID: US 20040015425 A1

Using default format because multiple data bases are involved.

L3: Entry 1 of 46

File: PGPB

Jan 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040015425

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040015425 A1

TITLE: Method to improve debt collection practices

PUBLICATION-DATE: January 22, 2004

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

O'Neill, Patrick G.

Wilmette

ΙL

US

KOTE-4

US-CL-CURRENT: <u>705/35</u>; <u>705/38</u>

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw, De

☐ 2. Document ID: US 20040009154 A1

L3: Entry 2 of 46

File: PGPB

Jan 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040009154

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040009154 A1

TITLE: Selections of genes and methods of using the same for diagnosis and for

targeting the therapy of select cancers

PUBLICATION-DATE: January 15, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Khan, Javed Derwood MD US
Ringner, Markus Lund MD SE
Peterson, Carsten Lund SE
Meltzer, Paul Rockville US

Record List Display Page 2 of 20

US-CL-CURRENT: 424/93.21; 514/44, 536/23.2

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWC Draw. De

☐ 3. Document ID: US 20030233305 A1

L3: Entry 3 of 46

File: PGPB

Dec 18, 2003

PGPUB-DOCUMENT-NUMBER: 20030233305

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030233305 A1

TITLE: System, method and apparatus for information collaboration between

intelligent agents in a distributed network

PUBLICATION-DATE: December 18, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Solomon, Neal Oakland CA US

US-CL-CURRENT: <u>705/37</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw. De

☐ 4. Document ID: US 20030207278 A1

L3: Entry 4 of 46 File: PGPB Nov 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030207278

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030207278 A1

TITLE: Methods for analyzing high dimensional data for classifying, diagnosing,

prognosticating, and/or predicting diseases and other biological states

PUBLICATION-DATE: November 6, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Khan, Javed Derwood MD US
Ringner, Markus Lund MD SE
Peterson, Carsten Lund SE
Meltzer, Paul Rockville US

US-CL-CURRENT: 435/6; 435/7.1, 702/19, 702/20

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWC Draw De

☐ 5. Document ID: US 20030194704 A1

L3: Entry 5 of 46

File: PGPB

Oct 16, 2003

PGPUB-DOCUMENT-NUMBER: 20030194704

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030194704 A1

TITLE: Human genome-derived single exon nucleic acid probes useful for gene

expression analysis two

PUBLICATION-DATE: October 16, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Penn, Sharron Gaynor San Mateo CA US
Rank, David Russell Fremont CA US
Hanzel, David Kagen Palo Alto CA US

US-CL-CURRENT: 435/6; 536/24.3

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWIC Draw, De

☐ 6. Document ID: US 20030120534 A1

L3: Entry 6 of 46

File: PGPB

Jun 26, 2003

PGPUB-DOCUMENT-NUMBER: 20030120534

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030120534 A1

TITLE: Cosmetic affinity indexing

PUBLICATION-DATE: June 26, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Giacchetti, Daniela Paris FR
Pardi, Beatrice Milano IT
Rubinstenn, Gilles Paris FR

US-CL-CURRENT: 705/10

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWIC Draw, De

☐ 7. Document ID: US 20030083936 A1

L3: Entry 7 of 46 File: PGPB May 1, 2003

PGPUB-DOCUMENT-NUMBER: 20030083936

PGPUB-FILING-TYPE: new

'Record List Display Page 4 of 20

DOCUMENT-IDENTIFIER: US 20030083936 A1

TITLE: Method and apparatus for dynamic rule and/or offer generation

PUBLICATION-DATE: May 1, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Mueller, Raymond J. Weston CT US Van Luchene, Andrew S. New York NY US Heier, Jeffrey E. Somers NY US Amorossi, Christine Brookfield CTUS Krishna, Srikant Holmdel US NJ Markowitz, Ted Darien CTUS

US-CL-CURRENT: 705/14

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw, De

□ 8. Document ID: US 20030074301 A1

L3: Entry 8 of 46

File: PGPB

Apr 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030074301

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030074301 A1

TITLE: System, method, and apparatus for an intelligent search agent to access data

in a distributed network

PUBLICATION-DATE: April 17, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Solomon, Neal Oakland CA US

US-CL-CURRENT: 705/37

Full	Title	Citation F	ront	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawt De

	9.	Document	ID:	US 20	030065636	A 1						

File: PGPB

L3: Entry 9 of 46

PGPUB-DOCUMENT-NUMBER: 20030065636

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030065636 A1

TITLE: Use of artificial intelligence in providing beauty advice

Apr 3, 2003

Record List Display Page 5 of 20

PUBLICATION-DATE: April 3, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Peyrelevade, Jerome Paris FR

US-CL-CURRENT: 706/62; 705/27, 706/52

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw. De

☐ 10. Document ID: US 20030065578 A1

L3: Entry 10 of 46

File: PGPB

Apr 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030065578

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030065578 A1

TITLE: Methods and systems involving simulated application of beauty products

PUBLICATION-DATE: April 3, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Peyrelevade, Jerome Paris FR Naudin, Richard Colombes FR

US-CL-CURRENT: 705/26

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWIC Draw. De

☐ 11. Document ID: US 20020194119 A1

L3: Entry 11 of 46 File: PGPB Dec 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020194119

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020194119 A1

TITLE: Method and apparatus for evaluating fraud risk in an electronic commerce

transaction

PUBLICATION-DATE: December 19, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Wright, William Los Gatos CA US Hu, Hung-Tzaw Saratoga CA US

US-CL-CURRENT: <u>705/38</u>

Record List Display Page 6 of 20

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWIC Draw De

☐ 12. Document ID: US 20020133721 A1

L3: Entry 12 of 46

File: PGPB

Sep 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020133721

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020133721 A1

TITLE: Systems and methods for dynamic detection and prevention of electronic fraud

and network intrusion

PUBLICATION-DATE: September 19, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Adjaoute, Akli Joinville le Pont FR

US-CL-CURRENT: 713/201

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWC Draw De

☐ 13. Document ID: US 20020099649 A1

L3: Entry 13 of 46

File: PGPB

Jul 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020099649

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020099649 A1

TITLE: Identification and management of fraudulent credit/debit card purchases at

merchant ecommerce sites

PUBLICATION-DATE: July 25, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Lee, Walter W. La Mesa CA US Milana, Joseph P. San Diego US CA Wilhelm, Wesley K. Spokane WA US Shao, Min San Diego CA US

US-CL-CURRENT: 705/38

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWIC Draw De

☐ 14. Document ID: US 20020069134 A1

L3: Entry 14 of 46

File: PGPB

Jun 6, 2002

PGPUB-DOCUMENT-NUMBER: 20020069134

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020069134 A1

TITLE: System, method and apparatus for aggregation of cooperative intelligent

agents for procurement in a distributed network

PUBLICATION-DATE: June 6, 2002

INVENTOR-INFORMATION:

CITY NAME STATE COUNTRY RULE-47

Solomon, Neal Oakland CA US

US-CL-CURRENT: 705/26

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw, De

☐ 15. Document ID: US 20020055906 A1

L3: Entry 15 of 46

File: PGPB

May 9, 2002

PGPUB-DOCUMENT-NUMBER: 20020055906

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020055906 A1

TITLE: Methods and apparatus for intelligent selection of goods and services in

telephonic and electronic commerce

PUBLICATION-DATE: May 9, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Katz, Ronald A. Los Angeles CA US West, Gary L. Omaha NE US Barker, Thomas B. NE Omaha US

US-CL-CURRENT: 705/39; 705/26, 705/38

F	ull	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Drawi De

☐ 16. Document ID: US 20020055903 A1

L3: Entry 16 of 46 File: PGPB

May 9, 2002

PGPUB-DOCUMENT-NUMBER: 20020055903

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020055903 A1

TITLE: System, method, and apparatus for a cooperative communications network

Record List Display Page 8 of 20

PUBLICATION-DATE: May 9, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Solomon, Neal Oakland CA US

US-CL-CURRENT: 705/37; 705/26

Full Title Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw, De

☐ 17. Document ID: US 20020048763 A1

L3: Entry 17 of 46 File: PGPB Apr 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020048763

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020048763 A1

TITLE: Human genome-derived single exon nucleic acid probes useful for gene

expression analysis

PUBLICATION-DATE: April 25, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Penn, Sharron Gaynor San Mateo CA US Rank, David Russell Fremont CA US Chen, Wensheng Mountain View CA US Hanzel, David Kagen Palo Alto CA US

US-CL-CURRENT: 435/6; 536/24.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De

☐ 18. Document ID: US 20020046157 A1

L3: Entry 18 of 46 File: PGPB Apr 18, 2002

PGPUB-DOCUMENT-NUMBER: 20020046157

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020046157 A1

TITLE: System, method and apparatus for demand-initiated intelligent negotiation

agents in a distributed network

PUBLICATION-DATE: April 18, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Solomon, Neal Oakland CA US

Record List Display Page 9 of 20

US-CL-CURRENT: 705/37; 705/27, 719/317

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draws De

☐ 19. Document ID: US 6681029 B1

L3: Entry 19 of 46

File: USPT

Jan 20, 2004

US-PAT-NO: 6681029

DOCUMENT-IDENTIFIER: US 6681029 B1

TITLE: Decoding steganographic messages embedded in media signals

DATE-ISSUED: January 20, 2004

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Rhoads; Geoffrey B. West Linn OR

US-CL-CURRENT: 382/100

Full Title Citation Front Review Classification Date Reference இது இருந்தது Claims KMC Draw. De

☐ 20. Document ID: US 6675146 B2

L3: Entry 20 of 46 File: USPT Jan 6, 2004

US-PAT-NO: 6675146

DOCUMENT-IDENTIFIER: US 6675146 B2

TITLE: Audio steganography

DATE-ISSUED: January 6, 2004

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Rhoads; Geoffrey B. West Linn OR

US-CL-CURRENT: <u>704/270</u>; <u>380/252</u>

Full Title Citation Front Review Classification Date Reference Seaucocco Scale Claims KMC Draw De

☐ 21. Document ID: US 6671818 B1

L3: Entry 21 of 46 File: USPT Dec 30, 2003

US-PAT-NO: 6671818

DOCUMENT-IDENTIFIER: US 6671818 B1

TITLE: Problem isolation through translating and filtering events into a standard

Record List Display Page 10 of 20

object format in a network based supply chain

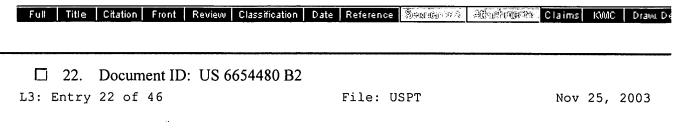
DATE-ISSUED: December 30, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Mikurak; Michael G. Hamilton NJ

US-CL-CURRENT: 714/4; 714/43, 714/48



US-PAT-NO: 6654480

DOCUMENT-IDENTIFIER: US 6654480 B2

TITLE: Audio appliance and monitoring device responsive to watermark data

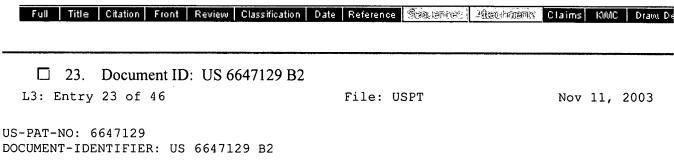
DATE-ISSUED: November 25, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Rhoads; Geoffrey B. West Linn OR

US-CL-CURRENT: 382/100; 380/252



TITLE: Method and system for encoding image and audio content

DATE-ISSUED: November 11, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Rhoads; Geoffrey B. West Linn OR

US-CL-CURRENT: 382/100; 348/461, 380/210, 704/273

☐ 24. Document ID: US 6629081 B1

L3: Entry 24 of 46

File: USPT

Sep 30, 2003

US-PAT-NO: 6629081

DOCUMENT-IDENTIFIER: US 6629081 B1

** See image for Certificate of Correction **

TITLE: Account settlement and financing in an e-commerce environment

DATE-ISSUED: September 30, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Cornelius; Richard D.

Santa Monica San Francisco CA CA

Stepniczka; Andreas

Chu; Kevin

Atlanta

GA

US-CL-CURRENT: <u>705/30</u>

Full Title Citation Front Review Classification Date Reference Samuercas Affording Claims KMC Draw De

☐ 25. Document ID: US 6606744 B1

L3: Entry 25 of 46

File: USPT

Aug 12, 2003

US-PAT-NO: 6606744

DOCUMENT-IDENTIFIER: US 6606744 B1

TITLE: Providing collaborative installation management in a network-based supply

chain environment

DATE-ISSUED: August 12, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Mikurak; Michael G.

Hamilton

NJ

US-CL-CURRENT: 717/174; 705/26, 717/178

Full Title Citation Front Review Classification Date Reference 多致敏态。 Assemble Claims KWIC Draw De

☐ 26. Document ID: US 6587821 B1

L3: Entry 26 of 46

File: USPT

Jul 1, 2003

US-PAT-NO: 6587821

DOCUMENT-IDENTIFIER: US 6587821 B1

TITLE: Methods for decoding watermark data from audio, and controlling audio

Record List Display Page 12 of 20

devices in accordance therewith

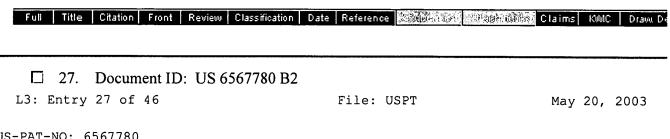
DATE-ISSUED: July 1, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Rhoads; Geoffrey B. West Linn 97068 OR

US-CL-CURRENT: 704/270; 380/252



US-PAT-NO: 6567780

DOCUMENT-IDENTIFIER: US 6567780 B2

TITLE: Audio with hidden in-band digital data

DATE-ISSUED: May 20, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Rhoads; Geoffrey B. West Linn OR

US-CL-CURRENT: <u>704/273</u>; <u>380/252</u>

Full Title	Citation	Front	Review	Classification	Date	Reference	"PSINION COME	Mischmette:	Claims	KWIC	Drawi De
 □ 28.	Docum	ent ID	: US 6	567533 B1	·				· · · · · · · · · · · · · · · · · · ·		
L3: Entry	28 of	46				File: U	SPT		May	20,	2003

US-PAT-NO: 6567533

DOCUMENT-IDENTIFIER: US 6567533 B1

TITLE: Method and apparatus for discerning image distortion by reference to encoded

marker signals

DATE-ISSUED: May 20, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Rhoads; Geoffrey B. West Linn OR

US-CL-CURRENT: 382/100

☐ 29. Document ID: US 6553129 B1

L3: Entry 29 of 46

File: USPT

Apr 22, 2003

US-PAT-NO: 6553129

DOCUMENT-IDENTIFIER: US 6553129 B1

TITLE: Computer system linked by using information in data objects

DATE-ISSUED: April 22, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Rhoads; Geoffrey

West Linn

OR

US-CL-CURRENT: 382/100

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Alfactments	Claims	KWIC	Draw, De

☐ 30. Document ID: US 6542618 B1

L3: Entry 30 of 46

File: USPT

Apr 1, 2003

US-PAT-NO: 6542618

DOCUMENT-IDENTIFIER: US 6542618 B1

TITLE: Methods for watermark decoding

DATE-ISSUED: April 1, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Rhoads; Geoffrey B.

West Linn

OR

US-CL-CURRENT: 382/100; 348/461, 386/94

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWIC Drawn De

☐ 31. Document ID: US 6539095 B1

L3: Entry 31 of 46

File: USPT

Mar 25, 2003

US-PAT-NO: 6539095

DOCUMENT-IDENTIFIER: US 6539095 B1

TITLE: Audio watermarking to convey auxiliary control information, and media

embodying same

DATE-ISSUED: March 25, 2003

* Record List Display Page 14 of 20

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Rhoads; Geoffrey B.

West Linn

OR

97068

US-CL-CURRENT: 381/73.1; 380/252, 382/100, 704/270

Full Title Citation Front Review Classification Date Reference Security (Claims KMIC Draw, De

☐ 32. Document ID: US 6496591 B1

L3: Entry 32 of 46

File: USPT

Dec 17, 2002

US-PAT-NO: 6496591

DOCUMENT-IDENTIFIER: US 6496591 B1

TITLE: Video copy-control with plural embedded signals

DATE-ISSUED: December 17, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE COUNTRY

Rhoads; Geoffrey B.

West Linn

OR

US-CL-CURRENT: 382/100; 386/94

Full Title Citation Front Review Classification Date Reference Security Problems Claims KMC Draw De

☐ 33. Document ID: US 6430305 B1

L3: Entry 33 of 46

File: USPT

Aug 6, 2002

US-PAT-NO: 6430305

DOCUMENT-IDENTIFIER: US 6430305 B1

TITLE: Identity verification methods

DATE-ISSUED: August 6, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE COUNTRY

Decker; Joseph E.

San Jose

CA

US-CL-CURRENT: <u>382/116</u>; <u>340/5.41</u>, <u>340/5.53</u>, <u>340/5.83</u>, <u>382/124</u>, <u>382/156</u>, 382/228,

<u>705/44</u>, <u>902/5</u>

Full Title Citation Front Review Classification Date Reference Some Grant William Claims KWIC Draw De

☐ 34. Document ID: US 6430302 B2

L3: Entry 34 of 46

File: USPT

Aug 6, 2002

US-PAT-NO: 6430302

DOCUMENT-IDENTIFIER: US 6430302 B2

TITLE: Steganographically encoding a first image in accordance with a second image

DATE-ISSUED: August 6, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE COUNTRY

Rhoads; Geoffrey B.

West Linn

OR

US-CL-CURRENT: 382/100; 382/284

Full Title Citation Front Review Classification Date Reference Sagrences Allowages Claims KMC Draw De

☐ 35. Document ID: US 6404898 B1

L3: Entry 35 of 46

File: USPT

Jun 11, 2002

US-PAT-NO: 6404898

DOCUMENT-IDENTIFIER: US 6404898 B1

TITLE: Method and system for encoding image and audio content

DATE-ISSUED: June 11, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Rhoads; Geoffrey B.

West Linn

OR

US-CL-CURRENT: 382/100; 380/287, 713/176

Full Title Citation Front Review Classification Date Reference Sequences Academics Claims KMC Draw De

☐ 36. Document ID: US 6400827 B1

L3: Entry 36 of 46

File: USPT

Jun 4, 2002

US-PAT-NO: 6400827

DOCUMENT-IDENTIFIER: US 6400827 B1

TITLE: Methods for hiding in-band digital data in images and video

DATE-ISSUED: June 4, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE COUNTRY

Rhoads; Geoffrey B.

West Linn

OR

Record List Display Page 16 of 20

US-CL-CURRENT: 382/100; 386/94

Full Title Citation Front Review Classification Date Reference (Company) Property Claims KMC Draw, De

☐ 37. Document ID: US 6381341 B1

L3: Entry 37 of 46

File: USPT

Apr 30, 2002

US-PAT-NO: 6381341

DOCUMENT-IDENTIFIER: US 6381341 B1

TITLE: Watermark encoding method exploiting biases inherent in original signal

DATE-ISSUED: April 30, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

ZIP CODE

COUNTRY

Rhoads; Geoffrey B.

West Linn

OR

US-CL-CURRENT: 382/100

Full Title Citation Front Review Classification Date Reference Services Attachorates Claims KMC Draw De

☐ 38. Document ID: US 6363159 B1

L3: Entry 38 of 46

File: USPT

Mar 26, 2002

US-PAT-NO: 6363159

DOCUMENT-IDENTIFIER: US 6363159 B1

TITLE: Consumer audio appliance responsive to watermark data

DATE-ISSUED: March 26, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Rhoads; Geoffrey B.

West Linn

OR

US-CL-CURRENT: 382/100; 380/252

Full Title Citation Front Review Classification Date Reference

☐ 39. Document ID: US 6343138 B1

L3: Entry 39 of 46

File: USPT

Jan 29, 2002

US-PAT-NO: 6343138

DOCUMENT-IDENTIFIER: US 6343138 B1

TITLE: Security documents with hidden digital data

Record List Display Page 17 of 20

DATE-ISSUED: January 29, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Rhoads; Geoffrey B. West Linn OR

US-CL-CURRENT: 382/100; 283/901, 382/135

Full Title Citation Front Review Classification Date Reference <u>இதுகளாறத</u> <u>Attach Profits</u> Claims KMC Draw De

☐ 40. Document ID: US 6330335 B1

L3: Entry 40 of 46 File: USPT Dec 11, 2001

US-PAT-NO: 6330335

DOCUMENT-IDENTIFIER: US 6330335 B1

TITLE: Audio steganography

DATE-ISSUED: December 11, 2001

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Rhoads; Geoffrey B. West Linn OR

US-CL-CURRENT: 380/252; 380/253, 380/254, 713/176, 713/190

Full Title Citation Front Review Classification Date Reference Segurities Missing Claims KMC Draw De

☐ 41. Document ID: US 6289108 B1

L3: Entry 41 of 46 File: USPT Sep 11, 2001

US-PAT-NO: 6289108

DOCUMENT-IDENTIFIER: US 6289108 B1

TITLE: Methods for detecting alteration of audio and images

DATE-ISSUED: September 11, 2001

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Rhoads; Geoffrey B. West Linn OR

US-CL-CURRENT: 382/100; 380/252

Full Title Citation Front Review Classification Date Reference இன்கொள்க இன்று இருந்து Claims KWIC Draw De

☐ 42. Document ID: US 6266430 B1

L3: Entry 42 of 46

File: USPT

Jul 24, 2001

US-PAT-NO: 6266430

DOCUMENT-IDENTIFIER: US 6266430 B1

TITLE: Audio or video steganography

DATE-ISSUED: July 24, 2001

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Rhoads; Geoffrey B.

West Linn

OR

US-CL-CURRENT: 382/100

Full	Title	Citation	Front	Review	Classification	Date	Reference	SERVINOSES.	र्थान्यत्रत्विकार्यं वाद्याप्रि	Claims	KWIC	Drawt De

☐ 43. Document ID: US 6134532 A

L3: Entry 43 of 46

File: USPT

Oct 17, 2000

US-PAT-NO: 6134532

DOCUMENT-IDENTIFIER: US 6134532 A

TITLE: System and method for optimal adaptive matching of users to most relevant

entity and information in real-time

DATE-ISSUED: October 17, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Lazarus; Michael A. Del Mar CA Caid; William R. San Diego CA Pugh; Richard S. Poway CA Kindig; Bradley D. Poway CA Russell; Gerald S. San Diego CA Brown; Kenneth B. San Diego CA Dunning; Ted E. San Diego CA Carleton; Joel L. San Diego CA

US-CL-CURRENT: <u>705/14</u>; <u>705/1</u>, <u>705/26</u>

Full	Title	Citation	Front	Review	Classification	Date	Reference	Significant states.	學可能	Claims	KWIC	Drawii De
											····	
П	44	Docume	ent ID	. 119 5	970482 A							

L3: Entry 44 of 46 File: USPT

Oct 19, 1999

Record List Display Page 19 of 20

US-PAT-NO: 5970482

DOCUMENT-IDENTIFIER: US 5970482 A

TITLE: System for data mining using neuroagents

DATE-ISSUED: October 19, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Pham; Khai Minh Menlo Park CA Rajkovic; Eric Bertrand Foster City CA Piffero; Veronique Menlo Park CA

US-CL-CURRENT: 706/16; 706/12, 706/45

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sammings	Elrechipe III	Claims	KWIC	Draw, De

☐ 45. Document ID: US 5819226 A

L3: Entry 45 of 46 File: USPT

Oct 6, 1998

US-PAT-NO: 5819226

DOCUMENT-IDENTIFIER: US 5819226 A

** See image for <u>Certificate of Correction</u> **

TITLE: Fraud detection using predictive modeling

DATE-ISSUED: October 6, 1998

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Gopinathan; Krishna M. San Diego CA Biafore; Louis S. San Diego CA Ferguson; William M. San Diego CA Lazarus; Michael A. San Diego CA Pathria; Anu K. Oakland CA Jost; Allen San Diego CA

US-CL-CURRENT: <u>705/44</u>.

Full	Title	Citation	Front	Review	Classification	Date	Reference	SECULE OF S	র্থাপের <u>চরিক্রে</u>	Claims	KWIC	Dravu De

☐ 46. Document ID: WO 200104808 A1, EP 1212716 A1, AU 200063247 A

L3: Entry 46 of 46

File: DWPI

Jan 18, 2001

DERWENT-ACC-NO: 2001-521285

DERWENT-WEEK: 200239

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TITLE: Customer and merchant interaction system for predicting future revenue from

Record List Display Page 20 of 20

game machines in casino, retrieves <u>prediction</u> data representing future interactions between <u>customers</u> and <u>merchants</u>

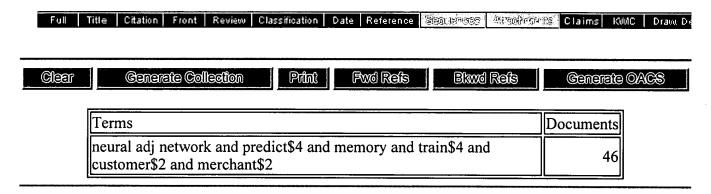
INVENTOR: CARDNO, A J

PRIORITY-DATA: 1999NZ-0336743 (July 13, 1999)

PATENT-FAMILY:

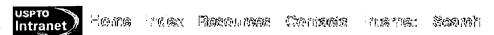
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EP 1212716 A1	June 12, 2002	E	000	G06F017/60
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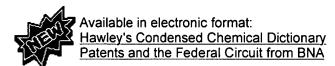
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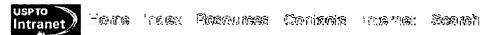
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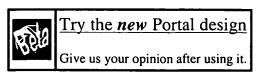
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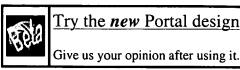
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A survey of data mining and knowledge discovery software tools Michael Goebel , Le Gruenwald

82%

ACM SIGKDD Explorations Newsletter June 1999

Volume 1 Issue 1

Knowledge discovery in databases is a rapidly growing field, whose development is driven by strong research interests as well as urgent practical, social, and economical needs. While the last few years knowledge discovery tools have been used mainly in research environments, sophisticated software products are now rapidly emerging. In this paper, we provide an overview of common knowledge discovery tasks and approaches to solve these tasks. We propose a feature classification scheme that can be ...

Recommender systems using linear classifiers

82%

Tong Zhang, Vijay S. Iyengar

The Journal of Machine Learning Research March 2002

Volume 2

Recommender systems use historical data on user preferences and other available data on users (for example, demographics) and items (for example, taxonomy) to predict items a new user might like. Applications of these methods include recommending items for purchase and personalizing the browsing experience on a web-site. Collaborative filtering methods have focused on using just the history of user preferences to make the recommendations. These methods have been categorized as memory-based

Item-based top-N recommendation algorithms

80%

Mukund Deshpande, George Karypis

ACM Transactions on Information Systems (TOIS) January 2004

Volume 22 Issue 1

The explosive growth of the world-wide-web and the emergence of e-commerce has led to the development of recommender systems---a personalized information filtering technology used to identify a set of items that will be of interest to a certain user. User-based collaborative filtering is the most successful technology for building recommender systems to date and is extensively used in many commercial recommender systems. Unfortunately, the computational complexity of these methods grows 1 ...

4 Tree induction vs. logistic regression: a learning-curve analysis Claudia Perlich , Foster Provost , Jeffrey S. Simonoff

80%

The Journal of Machine Learning Research September 2003 Volume 4

Tree induction and logistic regression are two standard, off-the-shelf methods for building models for classification. We present a large-scale experimental comparison of logistic regression and tree induction, assessing classification accuracy and the quality of rankings based on class-membership probabilities. We use a learning-curve analysis to examine the relationship of these measures to the size of the training set. The results of the study show several things. (1) Contrary to some prior o ...

5 Learning response time for WebSources using query feedback and | | application in query optimization

80%

Jean-Robert Gruser, Louiga Raschid, Vladimir Zadorozhny, Tao Zhan The VLDB Journal — The International Journal on Very Large Data Bases March 2000

Volume 9 Issue 1

The rapid growth of the Internet and support for interoperability protocols has increased the number of Web accessible sources, WebSources. Current wrapper mediator architectures need to be extended with a wrapper cost model (WCM) for WebSources that can estimate the response time (delays) to access sources as well as other relevant statistics. In this paper, we present a Web prediction tool (WebPT), a tool that is based on learning using query feedback from WebSources. The WebPT uses dimensions ...

6 Measuring system normality

80%

Mark Burgess , Hårek Haugerud , Sigmund Straumsnes , Trond Reitan ACM Transactions on Computer Systems (TOCS) May 2002 Volume 20 Issue 2

> A comparative analysis of transaction time-series is made, for light to moderately loaded hosts, motivated by the problem of anomaly detection in computers. Criteria for measuring the statistical state of hosts are examined. Applying a scaling transformation to the measured data, it is found that the distribution of fluctuations about the mean is closely approximated by a steady-state, maximum-entropy distribution, modulated by a periodic variation. The shape of the distribution, under these con ...

High performance data mining (tutorial PM-3)

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🖈 Vipin Kumar , Mohammed Zaki

Tutorial notes of the sixth ACM SIGKDD international conference on Knowledge discovery and data mining August 2000

8 Efficient search for association rules

80%

I Geoffrey I. Webb

Proceedings of the sixth ACM SIGKDD international conference on Knowledge discovery and data mining August 2000

Industry track papers: Handling very large numbers of association rules 80% ৰী in the analysis of microarray data

Alexander Tuzhilin, Gediminas Adomavicius

Proceedings of the eighth ACM SIGKDD international conference on Knowledge discovery and data mining July 2002

The problem of analyzing microarray data became one of important topics in bioinformatics over the past several years, and different data mining techniques have been proposed for the analysis of such data. In this paper, we propose to use association rule discovery methods for determining associations among expression levels of different genes. One of the main problems related to the discovery of these associations is the scalability issue. Microarrays usually contain very large numbers of genes ...

10 Computing curricula 2001

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A Journal on Educational Resources in Computing (JERIC) September 2001

11 IS '97: model curriculum and guidelines for undergraduate degree

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| I programs in information systems

Gordon B. Davis , John T. Gorgone , J. Daniel Couger , David L. Feinstein , Herbert E. Longenecker

ACM SIGMIS Database, Guidelines for undergraduate degree programs on Model curriculum and guidelines for undergraduate degree programs in information systems December 1997

Volume 28 Issue 1

12 Applying associative retrieval techniques to alleviate the sparsity

77%

বী problem in collaborative filtering

Zan Huang, Hsinchun Chen, Daniel Zeng

ACM Transactions on Information Systems (TOIS) January 2004 Volume 22 Issue 1

Recommender systems are being widely applied in many application settings to suggest products, services, and information items to potential consumers. Collaborative filtering, the most successful recommendation approach, makes recommendations based on past transactions and feedback from consumers sharing similar interests. A major problem limiting the usefulness of collaborative filtering is the sparsity problem, which refers to a situation in which transactional or feedback data is sparse and i ...

13 Evolving data mining into solutions for insights: Scaling mining

77%

বী algorithms to large databases

Paul Bradley , Johannes Gehrke , Raghu Ramakrishnan , Ramakrishnan Srikant Communications of the ACM August 2002

Volume 45 Issue 8

Which insights about data structure make it possible to analyze the very large databases collected by Internet, business, scientific, and government applications? 14 Evolving data mining into solutions for insights: Data-driven evolution of 77% াবী data mining algorithms

Padhraic Smyth , Daryl Pregibon , Christos Faloutsos

Communications of the ACM August 2002

Volume 45 Issue 8

Fundamentally, these algorithms are driven by the nature of the data being analyzed, in both scientific and commercial applications.

15 The impact of information systems on organizations and markets

77%

Vijay Gurbaxani , Seungjin Whang

Communications of the ACM January 1991

Volume 34 Issue 1

The adoption of information technology (IT) in organizations has been growing at a rapid pace. The use of the technology has evolved from the automation of structured processes to systems that are truly revolutionary in that they introduce change into fundamental business procedures. Indeed, it is believed that "More than being helped by computers, companies will live by them, shaping strategy and structure to fit new information technology [25]." While the importance of the rel ...

16 Cluster ensembles --- a knowledge reuse framework for combining

77%

multiple partitions

Alexander Strehl, Joydeep Ghosh

The Journal of Machine Learning Research March 2003

Volume 3

This paper introduces the problem of combining multiple partitionings of a set of objects into a single consolidated clustering without accessing the features or algorithms that determined these partitionings. We first identify several application scenarios for the resultant 'knowledge reuse' framework that we call cluster ensembles. The cluster ensemble problem is then formalized as a combinatorial optimization problem in terms of shared mutual information. In addition to a direct ...

17 An expert system for credit evaluation and explanation

77%

Luke Hodgkinson , Ellen Walker

The Journal of Computing in Small Colleges October 2003

Volume 19 Issue 1

We present an expert system, Credit Evaluation and Explanation Expert System (CEEES), that decides whether to grant credit lines to applicant firms. CEEES, which is developed in Prolog, uses a meta-level interpreter to generate proofs for its decisions. The rule-based language used by CEEES enables the various models and decisionmaking processes used by individual financial institutions to be easily incorporated into the knowledge base, allowing adaptability for commercial ventures. We evaluate ...

18 Foundation of a framework to support knowledge management in the

77%

ৰী field of context-aware and pervasive computing

Philipp Amann, Gerald Quirchmayr

Proceedings of the Australasian information security workshop conference on ACSW frontiers 2003 - Volume 21 January 2003

In this paper we propose a framework to combine Knowledge Management and context-aware and pervasive computing, emphasizing on synchronization and adaptation issues of workflow processes in mobile settings. The key aspect of the proposed framework is to enable adaptive, two-way interaction between contextaware systems and users in mobile settings. In contrast to existing concepts, we aim at capturing active feedback from users, which should contribute to the Organizational Memory, after ...

19 Fast detection of communication patterns in distributed executions

77%

Thomas Kunz, Michiel F. H. Seuren

Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research November 1997

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

20 Sequences and strings: On effective classification of strings with

77%



ৰী wavelets

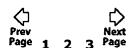
Charu C. Aggarwal

Proceedings of the eighth ACM SIGKDD international conference on Knowledge discovery and data mining July 2002

In recent years, the technological advances in mapping genes have made it increasingly easy to store and use a wide variety of biological data. Such data are usually in the form of very long strings for which it is difficult to determine the most relevant features for a classification task. For example, a typical DNA string may be millions of characters long, and there may be thousands of such strings in a database. In many cases, the classification behavior of the data may be hidden in the comp ...

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21 A template model for multidimensional inter-transactional association

77%

াবী rules

Ling Feng , Jeffrey Xu Yu , Hongjun Lu , Jiawei Han

The VLDB Journal — The International Journal on Very Large Data Bases October 2002

Volume 11 Issue 2

Multidimensional inter-transactional association rules extend the traditional association rules to describe more general associations among items with multiple properties across transactions. "After McDonald and Burger King open branches, KFC will open a branch two months later and one mile away" is an example of such rules. Since the number of potential inter-transactional association rules tends to be extremely large, mining inter-transactional associations poses more challe ...

22 Web mining for web personalization

77%

Magdalini Eirinaki, Michalis Vazirgiannis

ACM Transactions on Internet Technology (TOIT) February 2003

Volume 3 Issue 1

Web personalization is the process of customizing a Web site to the needs of specific users, taking advantage of the knowledge acquired from the analysis of the user's navigational behavior (usage data) in correlation with other information collected in the Web context, namely, structure, content, and user profile data. Due to the explosive growth of the Web, the domain of Web personalization has gained great momentum both in the research and commercial areas. In this article we present a survey ...

23 Information technologies for the 1990s: an organizational impact perspective

77%



Detmar W. Straub, James C. Wetherbe Communications of the ACM November 1989

Volume 32 Issue 11

When a thing is new, people say: "It is not true." Later, when its truth becomes obvious, they say: "It is not important." Finally, when its importance cannot be denied. they say: "Anyway, it is not new." Adapted from William James

24 Database and digital library technologies: Decision tree classification of 77% spatial data streams using Peano Count Trees

Qiang Ding, Qin Ding, William Perrizo

Proceedings of the 2002 ACM symposium on Applied computing March 2002 Many organizations have large quantities of spatial data collected in various application areas, including remote sensing, geographical information systems (GIS), astronomy, computer cartography, environmental assessment and planning, etc. These data collections are growing rapidly and can therefore be considered as spatial data streams. For data stream classification, time is a major issue. However, these spatial data sets are too large to be classified effectively in a reasonable amount of tim ...

25 Estimating business targets

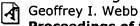
77%

Piew Datta , James H. Drew , Andrew Betz , D. R. Mani , Jeffery Howard Proceedings of the seventh ACM SIGKDD international conference on Knowledge discovery and data mining August 2001

Determining and setting maximal revenue expectations or other business performance targets---whether it is for regional company divisions or individual customers---can have profound financial implications. Operational techniques are changed, staffing levels are altered and management attention is re-focused---all in the name of expectations. In practice these expectations are often derived in an ad hoc manner. To address this unsupervised task, we combine nearest neighbor methods and classical s ...

26 Discovering associations with numeric variables

77%



Proceedings of the seventh ACM SIGKDD international conference on Knowledge discovery and data mining August 2001

This paper further develops Aumann and Lindell's [3] proposal for a variant of association rules for which the consequent is a numeric variable. It is argued that these rules can discover useful interactions with numeric data that cannot be discovered directly using traditional association rules with discretization. Alternative measures for identifying interesting rules are proposed. Efficient algorithms are presented that enable these rules to be discovered for dense data sets for which applica ...

27 A streaming ensemble algorithm (SEA) for large-scale classification W. Nick Street, YongSeog Kim

77%

Proceedings of the seventh ACM SIGKDD international conference on Knowledge discovery and data mining August 2001

Ensemble methods have recently garnered a great deal of attention in the machine learning community. Techniques such as Boosting and Bagging have proven to be highly effective but require repeated resampling of the training data, making them inappropriate in a data mining context. The methods presented in this paper take advantage of plentiful data, building separate classifiers on sequential chunks of training points. These classifiers are combined into a fixed-size ensemble using a heuristic r ...

28 Mining a stream of transactions for customer patterns

77%

🖈 Diane Lambert , José C. Pinheiro

Proceedings of the seventh ACM SIGKDD international conference on Knowledge discovery and data mining August 2001

Transaction data can arrive at a ferocious rate in the order that transactions are completed. The data contain an enormous amount of information about customers, not just transactions, but extracting up-to-date customer information from an ever changing stream of data and mining it in real-time is a challenge. This paper describes a statistically principled approach to designing short, accurate summaries or signatures of high dimensional customer behavior that can be kept current w ...

29 Data mining with sparse grids using simplicial basis functions

77%

Jochen Garcke , Michael Griebel

Proceedings of the seventh ACM SIGKDD international conference on Knowledge discovery and data mining August 2001

Recently we presented a new approach [18] to the classification problem arising in data mining. It is based on the regularization network approach but, in contrast to other methods which employ ansatz functions associated to data points, we use a grid in the usually high-dimensional feature space for the minimization process. To cope with the curse of dimensionality, we employ sparse grids [49]. Thus, only $O(hn^{-1}n^{d-1})$ instead of ...

30 On the quantification of e-business capacity

77%

Moises Goldszmidt , Derek Palma , Bikash Sabata

Proceedings of the 3rd ACM conference on Electronic Commerce October 2001 In order for current e-Businesses to mature from hastily assembled systems and applications, formal processes must be put in place for planning and budgeting, pricing and costing, and for establishing quality of service and service--level assurances. There are many challenges that e-Businesses face in formalizing these processes. The most important problem is to bridge the semantic disconnect between business objectives and the information system performance objectives. Next, the characterizatio ...

31 Exploring data mining implementation

77%

Karim K. Hirii

Communications of the ACM July 2001

Volume 44 Issue 7

32 A framework for constructing features and models for intrusion

77%

বী detection systems

Wenke Lee, Salvatore J. Stolfo

ACM Transactions on Information and System Security (TISSEC) November 2000 Volume 3 Issue 4

Intrusion detection (ID) is an important component of infrastructure protection mechanisms. Intrusion detection systems (IDSs) need to be accurate, adaptive, and extensible. Given these requirements and the complexities of today's network environments, we need a more systematic and automated IDS development process rather that the pure knowledge encoding and engineering approaches. This article describes a novel framework, MADAM ID, for Mining Audit Data for Automated Models for Instrusion ...

33 Commonsense-based interfaces Marvin Minsky Communications of the ACM August 2000 Volume 43 Issue 8	77%
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26 Content-based book recommending using learning for text categorization Raymond J. Mooney , Loriene Roy Proceedings of the fifth ACM conference on Digital libraries June 2000 Recommender systems improve access to relevant products and information by making personalized suggestions based on previous examples of a user's likes and dislikes. Most existing recommender systems use collaborative filtering methods that base recommendations on other users' preferences. By contrast, content-based methods use information about an item itself to make suggestions. This approach has the advantage of being able to recommend previously unrated items to users with unique interes	77%
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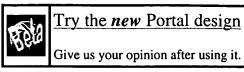
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may learn to identify objects and behaviors in the CAD context by which they may "understand" the needs of designers. This capability can enable the computer to

respond adaptively to assist individual users.

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